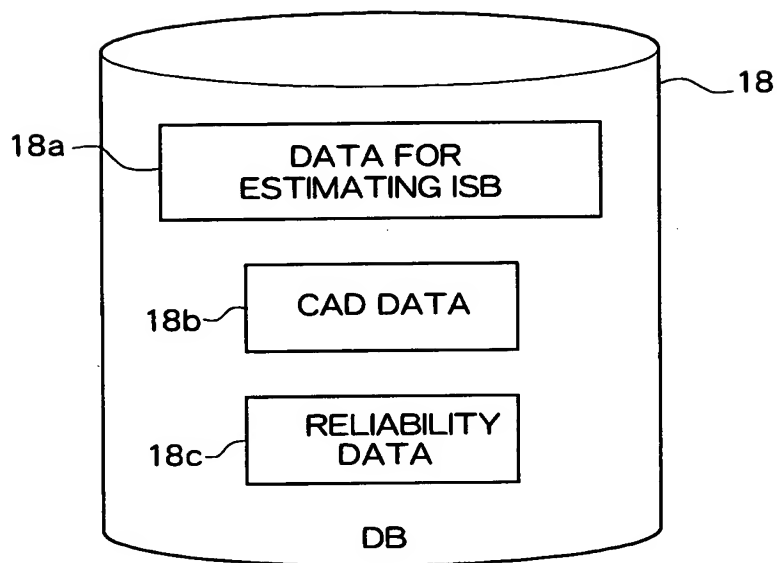
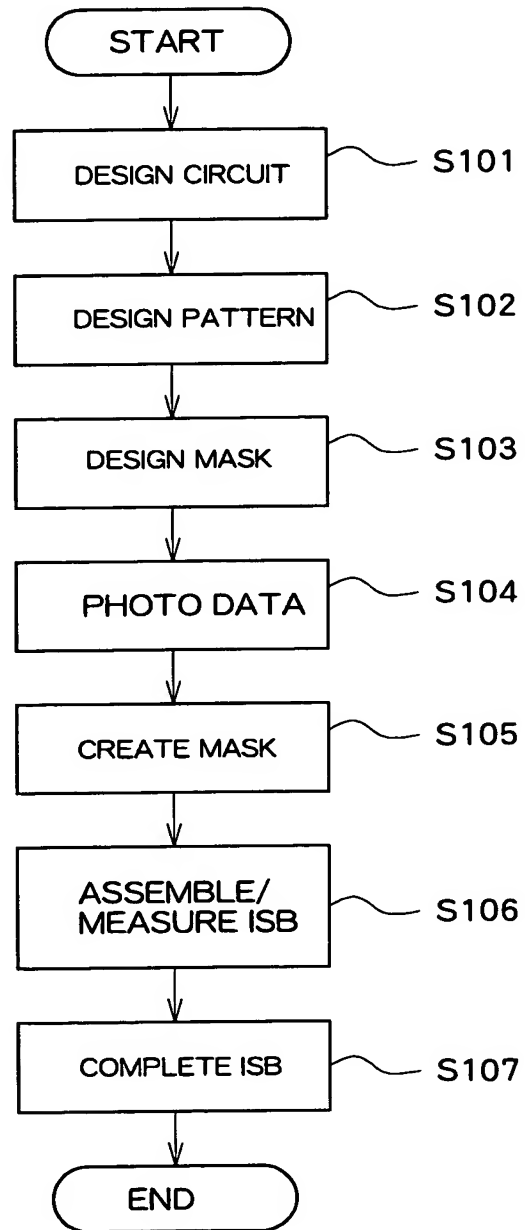


Fig. 1

**Fig. 2**

No.	ITEM	CONTENT
1	DATA FOR ESTIMATING ISB  LIBRARY OF ISB EXTERNAL FORM AND SIZE REQUIRED BY USER ISB TERMINAL INFORMATION  NUMBER OF PINS OF ISB  LIST OF BUILT-IN PART BUILT-IN PASSIVE PART SPECIFICATION LIBRARY BUILT-IN ACTIVE PART SPECIFICATION LIBRARY PACKAGE RELIABILITY REQUIREMENT SPECIFICATION MOUNTING CONDITION OF ISB CAD DATA OF CIRCUIT DIAGRAM USER APPLICATION LIBRARY ESTIMATE CONDITION USER DEMANDED SCHEDULE	SIZE DATA  TERMINAL PITCH, TERMINAL SHAPE, TERMINAL ARRANGEMENT  NC PIN, OPERATION PIN, TEST PIN  NAME OF MANUFACTURER, MODEL NUMBER, NUMBER OF MEMBERS, CHARACTERISTICS SPECIFICATION OF EXTERNAL FORM OF PART, CHARACTERISTIC SPECIFICATION, ETC. SPECIFICATION OF EXTERNAL FORM OF PART, PAD DIAGRAM, PAD COORDINATE DATA, W/B DIAGRAM, CHARACTERISTIC SPECIFICATION, ETC. OPERATION ENVIRONMENT TEMPERATURE, STORAGE TEMPERATURE, OTHER RELIABILITY REQUIREMENT CONTENTS SPECIAL PROFILE AND SPECIAL CONNECTION ADHESIVE MATERIAL, ETC.  USER CAD DATA  INFORMATION OF SET WHICH USES ISB  NUMBER IN MASS-PRODUCTION, OTHER LIMITATIONS, ETC.  ES,CS,MP PHASE
2	CAD DATA  CAD DATA OF CIRCUIT DIAGRAM CAD DATA LIBRARY OF BUILT-IN PASSIVE PART CAD DATA LIBRARY OF BUILT-IN ACTIVE PART WIRE AND ADHESIVE (A <sub>g</sub> , INSULATING PASTE, ETC.) LIBRARY DATA OF EXTERNAL FORM AND BACKSIDE TERMINAL CAD DATA LIBRARY OF FRAME SURFACE ATTACHMENT PART ARRANGEMENT, W/B COORDINATE DATA	SYSTEM DESIGNER, OrCAD, ACCEL, ETC.  PATTERN DATA OF PASSIVE PART  PATTERN DATA OF ACTIVE PART  DATA OF MATERIAL INFORMATION IN PROCESS  REFLECT IN EXTERNAL FORM DIAGRAM  DATA FOR CREATING FRAME (REFLECT ON PATTERN DIAGRAM)  ASSEMBLY, MEASUREMENT DATA
3	RELIABILITY DATA  RELIABILITY DATA LIBRARY	VARIOUS RELIABILITY TEST RESULTS
4	ESTIMATE PRICE  ESTIMATE PRICE DATA LIBRARY	DISPLAY TO ALLOW USER TO VIEW
5	TEST PROGRESS  TEST PROGRESS DATA LIBRARY	DISPLAY TO ALLOW USER TO VIEW

Fig. 3

**Fig. 4**

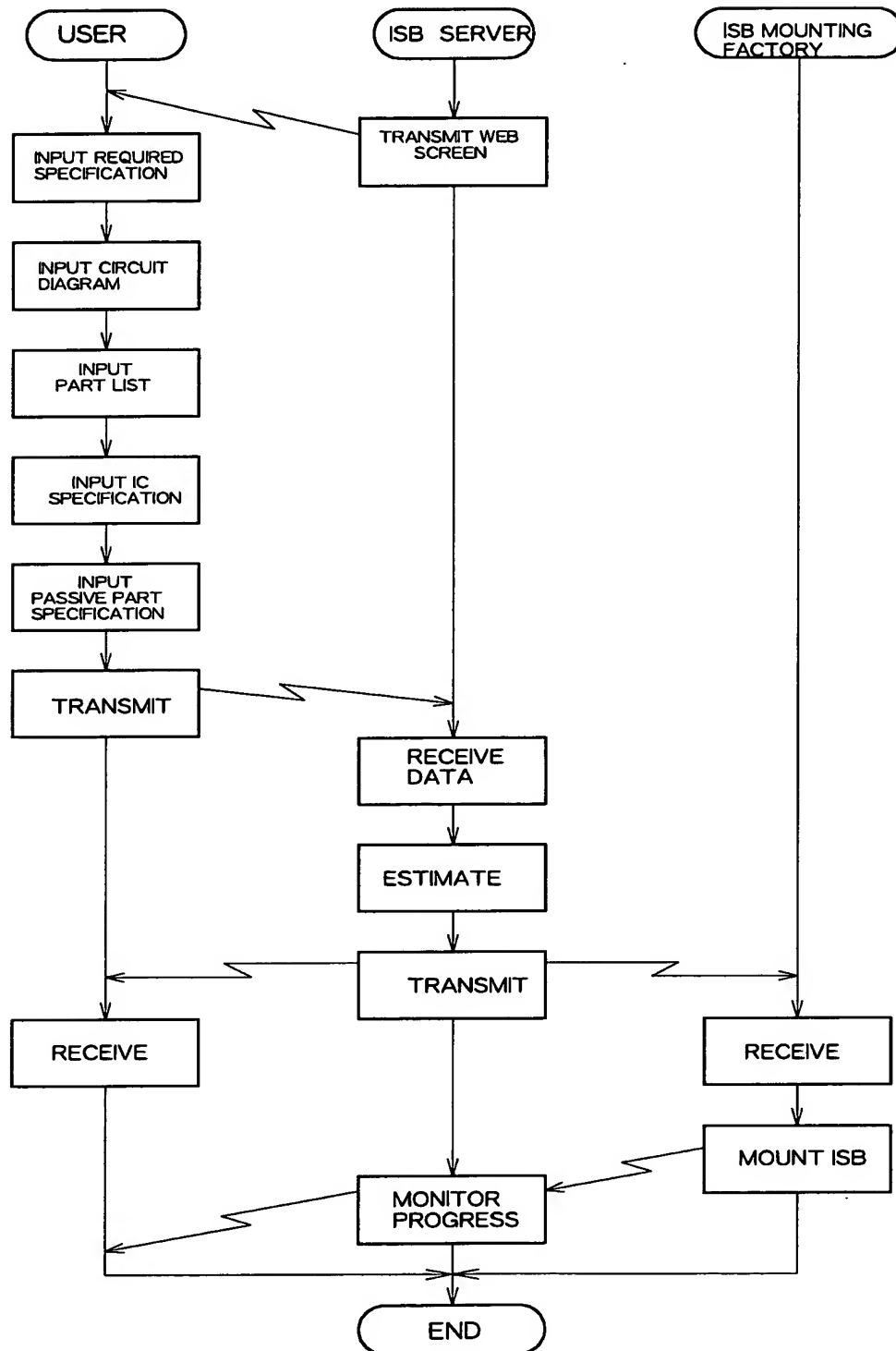


Fig. 5

ISB SPECIFICATION REQUIREMENT	INPUT CIRCUIT DIAGRAM	INPUT PART LIST	INPUT IC SPECIFICATION	INPUT PASSIVE PART SPECIFICATION	USED CAD INFORMATION	CONFIRM TRANSMISSION CONTENTS
-------------------------------------	-----------------------------	--------------------	---------------------------	--	-------------------------	-------------------------------------

1. 1 INPUT ISB EXTERNAL FORM SPECIFICATION

LENGTH  mm X WIDTH  mm X HEIGHT  mm

ATTACH DRAWING FILE

1. 2 INPUT ISB TERMINAL SPECIFICATION

TERMINAL SIZE (TERMINAL DIAMETER)  mm

INTER-TERMINAL PITCH  
(CENTER-TO-CENTER DISTANCE)  mm

ATTACH DRAWING FILE

1. 3 INPUT ISB THERMAL DISCHARGE CHARACTERISTIC

THERMAL  
RESISTANCE  °C/W

1. 4 INPUT ISB FREQUENCY CHARACTERISTIC

FREQUENCY  GHz

1. 5 ENVIRONMENTAL CONDITION OF PACKAGE

STORAGE TEMPERATURE

OPERATIONAL ENVIRONMENT  
TEMPERATURE

RELIABILITY REQUIREMENT ITEM AND REFERENCE

Fig.6

ISB SPECIFICATION REQUIREMENT	INPUT CIRCUIT DIAGRAM	INPUT PART LIST	INPUT IC SPECIFICATION	INPUT PASSIVE PART SPECIFICATION	USED CAD INFORMATION	CONFIRM TRANSMISSION CONTENTS
<p>2. 1 INPUT CIRCUIT DIAGRAM</p> <p></p>						

Fig.7

ISB SPECIFICATION REQUIREMENT	INPUT CIRCUIT DIAGRAM	INPUT PART LIST	INPUT IC SPECIFICATION	INPUT PASSIVE PART SPECIFICATION	USED CAD INFORMATION	CONFIRM TRANSMISSION CONTENTS
-------------------------------------	-----------------------------	--------------------	---------------------------	--	-------------------------	-------------------------------------

3. 1 INPUT PART LIST

Fig.8



ISB SPECIFICATION REQUIREMENT	INPUT CIRCUIT DIAGRAM	INPUT PART LIST	INPUT IC SPECIFICATION	INPUT PASSIVE PART SPECIFICATION	USED CAD INFORMATION	CONFIRM TRANSMISSION CONTENTS
-------------------------------------	-----------------------------	--------------------	---------------------------	--	-------------------------	-------------------------------------

4. 1 EXTERNAL SIZE OF PELLET

NAME OF PELLET

☐ WITH STREET WIDTH

LENGTH  mm X WIDTH  mm X HEIGHT  mm

☐ WITHOUT STREET WIDTH

LENGTH  mm X WIDTH  mm X HEIGHT  mm

4. 2 INFORMATION OF WIRE BONDING PAD

NAME OF PELLET

EXTERNAL SIZE OF METAL  mm

PAD OPENING SIZE  mm

LIST OF PAD COORDINATES

4. 3 INPUT INFORMATION OF BACKSIDE OF PELLET

NAME OF PELLET

FLOATING? ☐ YES ☐ NO

4. 4 INPUT OTHER INFORMATION

☐ METAL MASK DIAGRAM

☐ WIRE BOND DIAGRAM

Fig.9

ISB SPECIFICATION REQUIREMENT	INPUT CIRCUIT DIAGRAM	INPUT PART LIST	INPUT IC SPECIFICATION	INPUT PASSIVE PART SPECIFICATION	USED CAD INFORMATION	CONFIRM TRANSMISSION CONTENTS
-------------------------------------	-----------------------------	--------------------	---------------------------	--	-------------------------	-------------------------------------

5. 1 INPUT EXTERNAL SIZE OF PASSIVE PART

NAME OF PASSIVE PART

LENGTH  mm X WIDTH  mm X HEIGHT  mm

5. 2 INPUT ELECTRODE TERMINAL SPECIFICATION

NAME OF PASSIVE PART

☐ RECTANGULAR ELECTRODE SHAPE  
LENGTH  mm X WIDTH  mm

☐ CIRCULAR ELECTRODE SHAPE  
LENGTH  mm X WIDTH  mm

5. 3 INPUT OTHER DIAGRAM INFORMATION

☐ DIAGRAM OF EXTERNAL FORM OF PART

☐ DIAGRAM OF PART ELECTRODE

☐ SPECIFICATION FOR ELECTRICAL CHARACTERISTIC, ETC.

Fig.10

ISB SPECIFICATION REQUIREMENT	INPUT CIRCUIT DIAGRAM	INPUT PART LIST	INPUT IC SPECIFICATION	INPUT PASSIVE PART SPECIFICATION	USED CAD INFORMATION	CONFIRM TRANSMISSION CONTENTS
-------------------------------------	-----------------------------	--------------------	---------------------------	--	-------------------------	-------------------------------------

6. 1 CONFIRMATION OF USEABLE CAD FOR  
DESIGNING CIRCUIT AND FILE FORMAT

SELECT CAD FOR DESIGNING CIRCUIT

- CR-5000
- OrCAD
- ACCEL
- OTHER

6. 2 CONFIRMATION OF USEABLE CAD FOR  
DESIGNING SUBSTRATE AND FILE FORMAT

SELECT CAD FOR DESIGNING CIRCUIT

- CR-5000
- AutoCAD
- OTHER

6. 3 GERBER DATA FORMAT AND OTHERS

Fig.11

ISB SPECIFICATION REQUIREMENT	INPUT CIRCUIT DIAGRAM	INPUT PART LIST	INPUT IC SPECIFICATION	INPUT PASSIVE PART SPECIFICATION	USED CAD INFORMATION	CONFIRM TRANSMISSION CONTENTS
-------------------------------------	-----------------------------	--------------------	---------------------------	--	-------------------------	-------------------------------------

CONFIRMATION OF TRANSMISSION CONTENTS

1. ISB SPECIFICATION REQUIREMENT
  
2. CIRCUIT DIAGRAM FILE
  
3. PART LIST FILE
  
4. IC SPECIFICATION/DRAWING FILE/OTHERS
  
5. PASSIVE PART SPECIFICATION/DRAWING FILE/OTHERS
  
6. USEABLE CAD FORMAT

PRESS "TRANSMIT" BUTTON IF ABOVE INFORMATION IS CORRECT

TRANSMIT

Fig.12

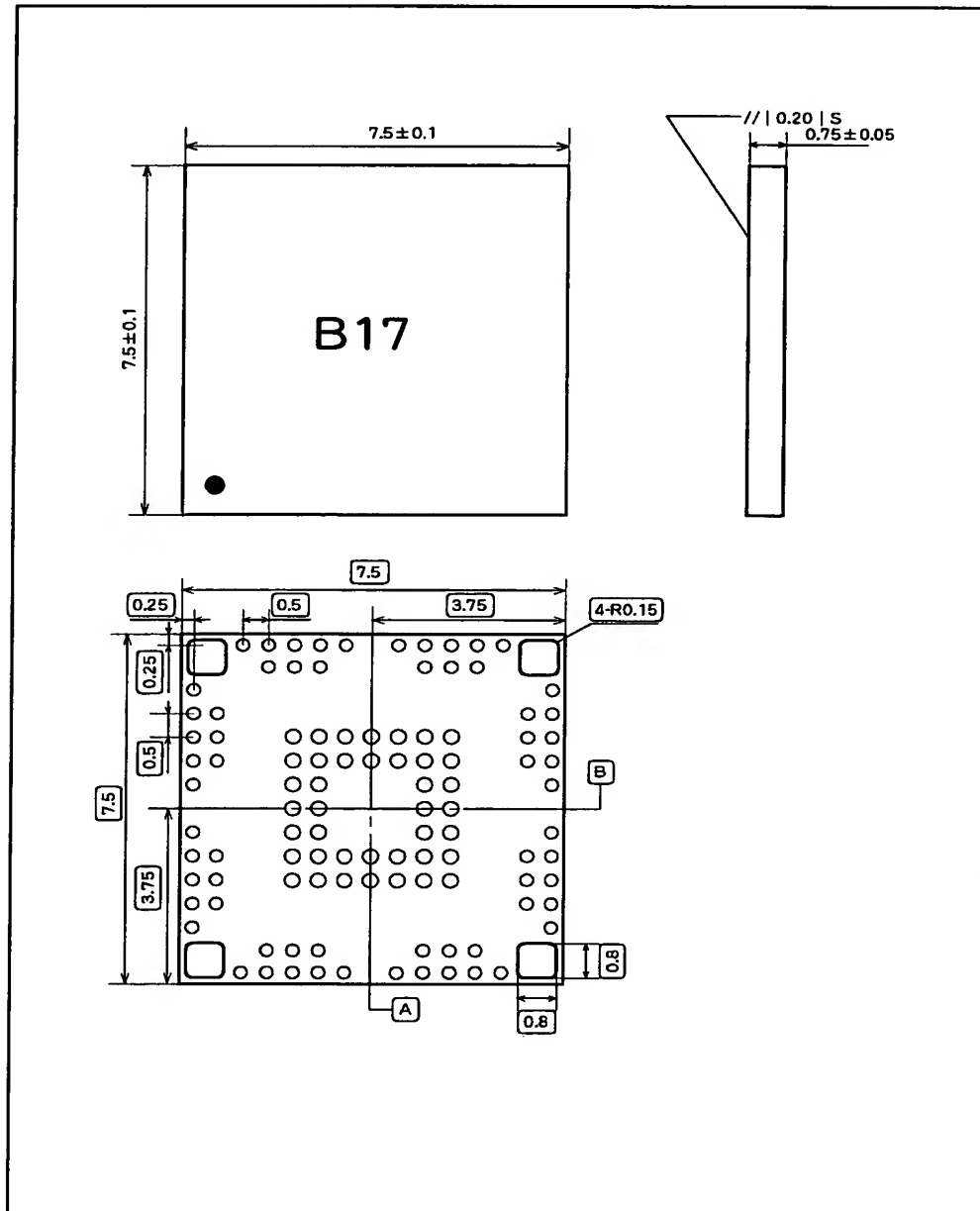
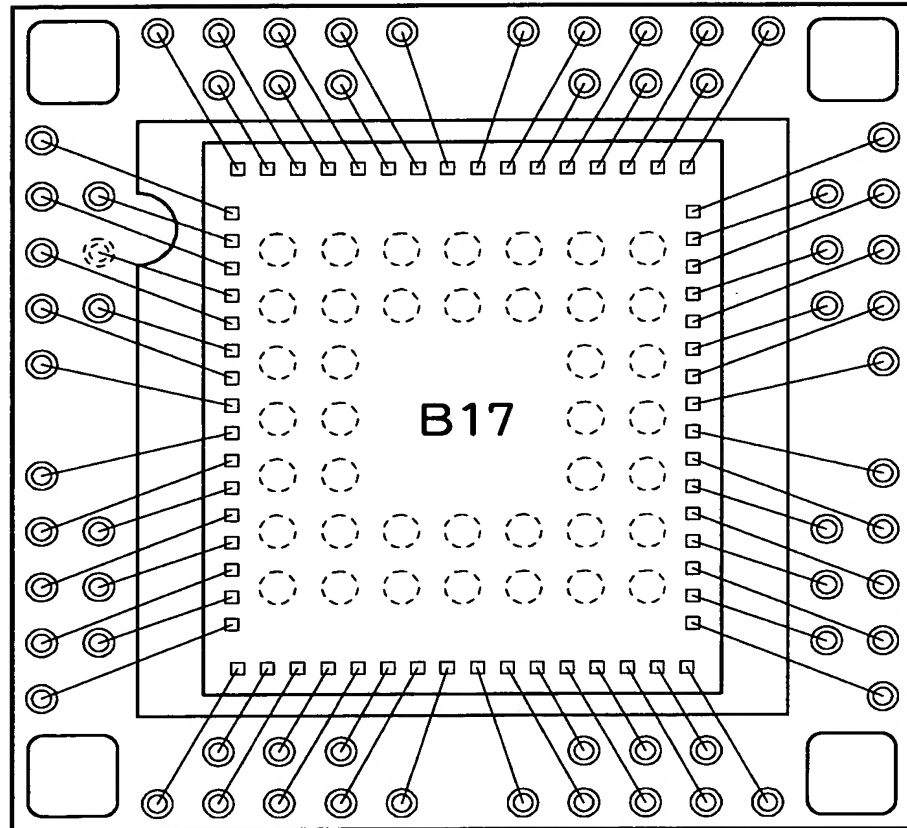
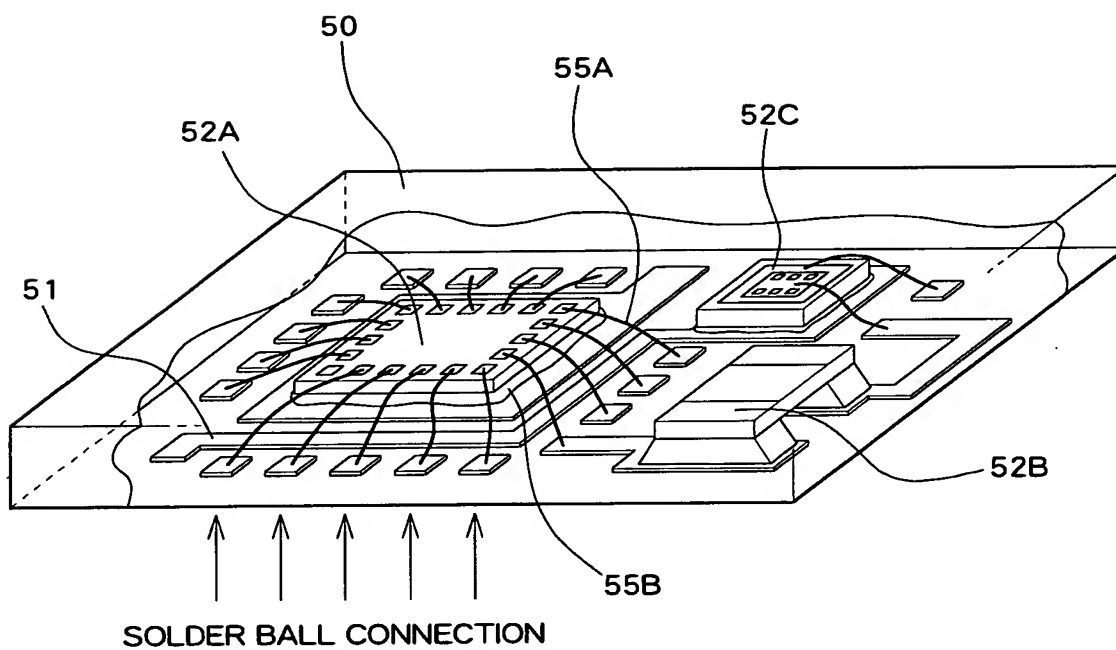
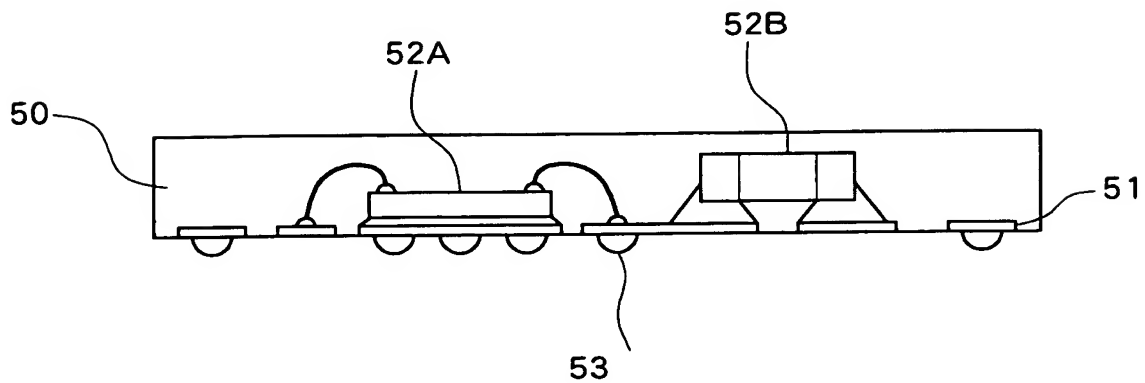
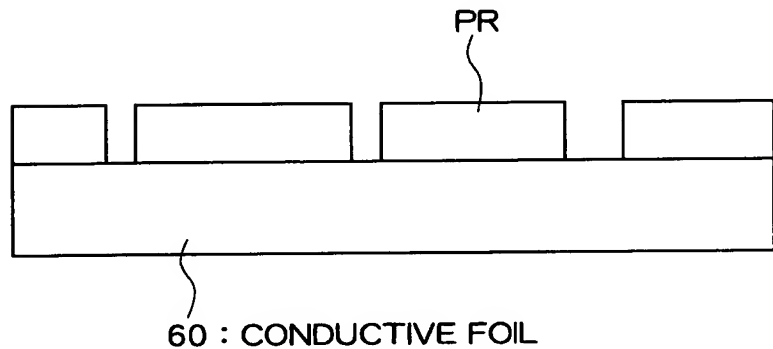
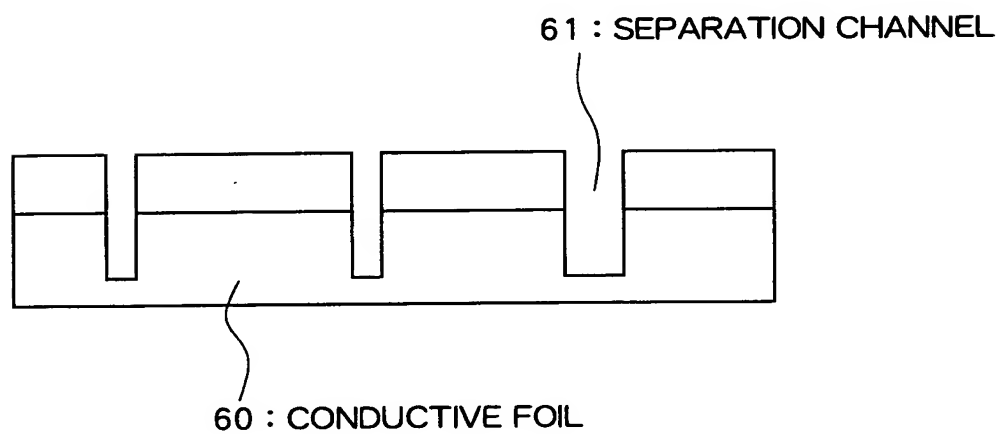


Fig. 13

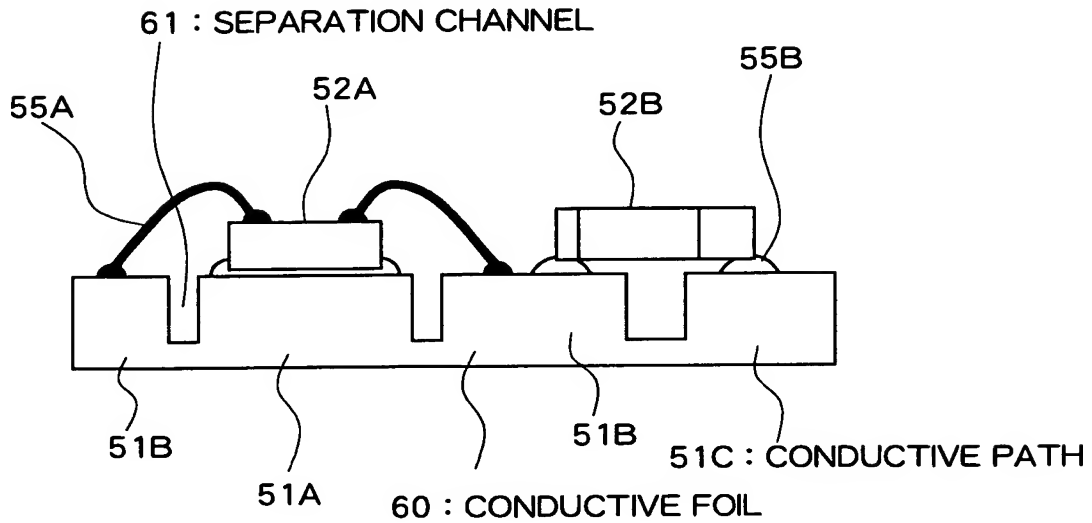
**Fig. 14**



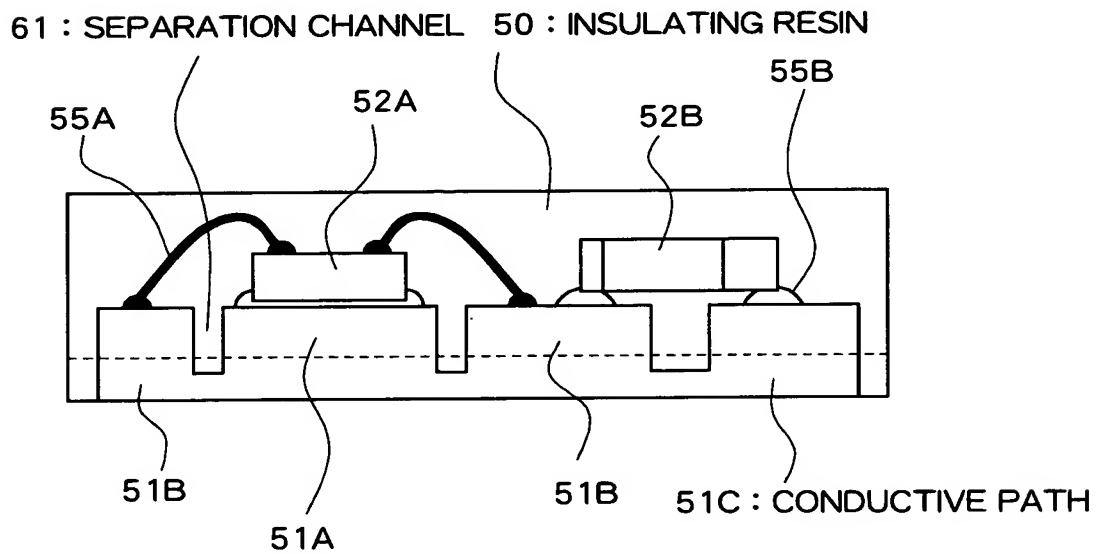
**Fig. 15 RELATED ART**

**Fig. 16 RELATED ART****Fig. 17 RELATED ART****Fig. 18 RELATED ART**





**Fig. 19 RELATED ART**



**Fig. 20 RELATED ART**

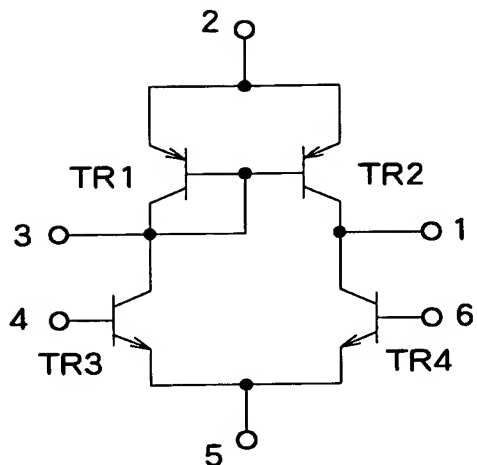


Fig. 21A RELATED ART

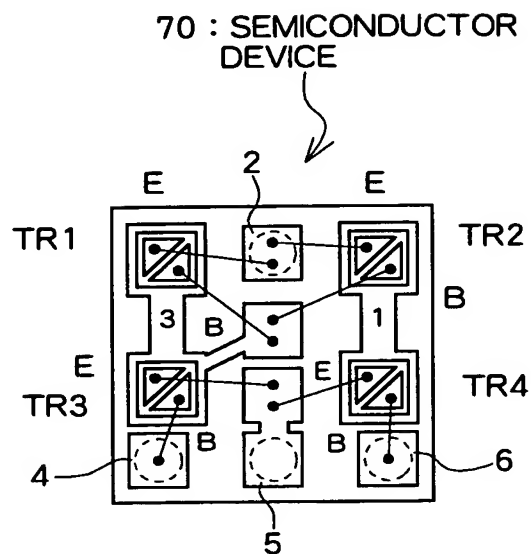


Fig. 21B RELATED ART

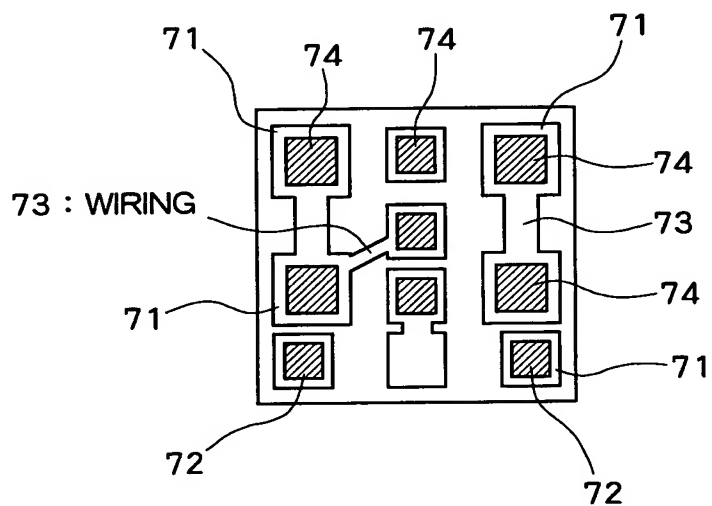


Fig. 21C RELATED ART